

Patent Application  
Docket No. TI-29893

## ABSTRACT

The detection of symbols in digital burst transmissions is improved by an equalizer (30) that initializes the values of only a subset of its filter coefficients (C, D), and thereafter begins to decode the symbols using an iterative, decision directed algorithm that determines all of its filter coefficients. This can advantageously provide an acceptable trade-off between computational complexity and equalizer performance.

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